The FMC-210-DM Double-action Call Points are used for manual triggering, and can be used in the Local SecurityNetwork LSN and LSN improved. Form H Manual Call Points are designed for outdoor deployment, form G Manual Call Points are designed for indoor deployment.

**Functions**

In the event of an alarm, the glass pane (2) is broken first, then the manual call point (3) is pressed hard. This activates the microswitch for alarm triggering and the indicator LED (4) blinks. A mechanism holds the pressed call point down.

The manual call point can be reset with the reset lever (5) or by closing the door of the manual call point (1). The indicator LED (4) goes out.

This does not reset the alarm on the fire panel.

Individual call point identification with display of the call point address on the fire panel ensures the quick location of the triggered call point.

**Variants**

The designs of the manual call points for outdoor and indoor use are identical. The manual call points for indoor use (form G) are available in red, blue, yellow, and green. The manual call points for outdoor use (form H) are available in red and blue.

Form H manual call points are equipped with an especially resistant PC board layered with parylene.

**Notice**

The key must be ordered separately.

**Improved LSN features**

The manual call points offer all the features of the improved LSN technology:

- Flexible network structures, including T-tapping without additional elements
- Up to 254 LSN improved elements per loop or stub line
- Automatic or manual detector addressing selectable via rotary switch, in each case with or without auto-detection
- Shielded and unshielded cables can be used
- Cable length up to 3000 m (with LSN 1500 A module)
- Downwards compatibility to existing LSN systems and control panels
Certifications and approvals

<table>
<thead>
<tr>
<th>Type Number</th>
<th>Complies with</th>
</tr>
</thead>
<tbody>
<tr>
<td>FMC-210-DM-G-Y</td>
<td>EN 12094-3:2003, EN 54-17:2005</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Region</th>
<th>Regulatory compliance/quality marks</th>
</tr>
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<tbody>
<tr>
<td>Germany</td>
<td>VdS G 206098 FMC-210_DM-G-R/ H-R_G206098</td>
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<td>VdS G 206099 FMC-210_DM-G-Y_G206099</td>
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<td>Europe</td>
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<td>CE FMC-210_DM-G-Y / EST-G-B</td>
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<td>0786-CPD-20244 FMC-210_DM-G-Y</td>
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<tr>
<td>Slovakia</td>
<td>EVPÚ SK08-ZSV-0071 FMC-210-DM, FMC-210-EST</td>
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</table>

Installation/configuration notes

- The maximum number of LSN elements that may be connected depends on their current consumption from the LSN data line. The limit values should be taken from the product information supplied with the fire panel used.
- Additional norms, guidelines, and planning recommendations with respect to installation location, etc. must be taken into account (see fire detector manual).
- The regulations of the local fire services must be observed.

Installation

- The cable duct can be surface-mounted or flush-mounted.

- Installation in fire hose cabinets is possible in three ways:

  - The device must be mounted visibly along escape and rescue routes (e.g. exits, passageways, stairwells) and be easily accessible.
  - An installation height of 1400 mm ±200 mm, measured from the middle of the device to the floor, must be maintained.
  - The device must be adequately illuminated by sunlight or another light source (including emergency lighting if present).
**Technical specifications**

**Electrical**
- Operating voltage (VDC): 24 (15 to 33)
- Current consumption (mA): 0.26

**Mechanics**
- Dimensions W x H x D (mm): 135 x 135 x 40
- Housing material: Plastic ASA
- Colors: Red RAL 3001, Blue RAL 5005, Yellow RAL 1003

**Environmental**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight (g)</td>
<td>Approx. 235</td>
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</tbody>
</table>

**Ordering information**

- **FMC-210-DM-G-B Manual call point indoor, blue**
  Analog addressable manual call point with glass pane for indoor use, indirect alarm triggering (type B), blue
  Order number: FMC-210-DM-G-B | F.01U.011.959
- **FMC-210-DM-G-GR Manual call point indoor, green**
  Analog addressable manual call point with glass pane for indoor use, indirect alarm triggering (type B), green
  Order number: FMC-210-DM-G-GR | F.01U.328.502
- **FMC-210-DM-G-R Manual call point indoor, red**
  Analog addressable manual call point with glass pane for indoor use, indirect alarm triggering (type B), red
  Order number: FMC-210-DM-G-R | F.01U.011.956
- **FMC-210-DM-G-Y Manual call point indoor, yellow**
  Analog addressable manual call point with glass pane for indoor use, indirect alarm triggering (type B), yellow
  Order number: FMC-210-DM-G-Y | F.01U.011.961
- **FMC-210-DM-H-B Manual call point outdoor, blue**
  Analog addressable manual call point with glass pane for outdoor use, indirect alarm triggering (type B), blue
  Order number: FMC-210-DM-H-B | F.01U.011.960
- **FMC-210-DM-H-R Manual call point outdoor, red**
  Analog addressable manual call point with glass pane for outdoor use, indirect alarm triggering (type B), red
  Order number: FMC-210-DM-H-R | F.01U.011.958

**Accessories**

- FMX-FSO-LSN FMX-FSO-LSN foilset operating panel MCP
  For the labeling field of manual call points of the series FMC-210, 1 unit = 10 sheets
  Order number: FMX-FSO-LSN | F.01U.033.169
FireAlarmSystems - FMC-210-DM Double Action Call Points

FMC-FST-DE Foil set, transparent
For yellow and blue manual call points of the series FMC-120 and FMC-210, 1 unit = 5 sheets
Order number FMC-FST-DE | F.01U.012.951

FMC-SPGL-DEIL Spare glass
For manual call points of series DM, DKM, SKM, FMC-120 and FMC-210, 1 unit = 5 spare glasses
Order number FMC-SPGL-DEIL | F.01U.025.845

FMM-KEY-FORM G/H Key for manual call point made of red plastic (ASA)
Order number FMM-KEY-FORM G/H | 3.756.630.007